

## Preparations for treating outer skin wounds and process for their manufacture.

Patent Number: EP0103878  
Publication date: 1984-03-28  
Inventor(s): HUMAN OLTOANYAGTERMELO ES KUTA  
Applicant(s): HUMAN OLTOANYAGTERMELO  
Requested Patent:  EP0103878, B1  
Application Number: EP19830109239 19830917  
Priority Number(s): HU19820002974 19820917  
IPC Classification: A61K9/08 ; A61K31/70  
EC Classification: A61K31/70, A61K47/10  
Equivalents: DE3382087D

### Abstract

The preparations are used for treating wounds such as burns, herpes, dermatoses, chemical burns etc. and contain in 100 ml of C2-C4-alkanol solution (preferably ethanol) up to 20 mg of plant tannins (catechol, tannin, gallic acid, digallic acid, pentadigalloylglucose), up to 50 mg of sugars (glucose, fructose, rhamnose, xylose), 0.5 - 6 mg of compounds of the anthocyan and/or flavone type, 0.5 - 6 mg of pectin, up to 6 mg of plant wax and 0.01 - 0.1 mg of essential oils (geraniol, nerol, citronellol, eugenol, linalool). The preparations can contain as additional components 5 - 6 mg of vitamins, trace elements, plant hormones, enzymes with an oxidising action and/or inorganic salts. The preparations are manufactured by dissolving the components, all at once or divided, in the alkanol. The preparations exert on the wounds an analgesic, disinfectant and epithelialisation-promoting action and form on the surface of the wounds a thin film with small, bacterial-impermeable breathing pores of 0.2  $\mu$  max.

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011574546

WPI Acc No: 1997-551027/199751

XRAM Acc No: C97-175952

Biodegradable universal cleaning agents for e.g. cleaning equipment used to make paper, board or pulp - contain ethereal oils, ethoxylated or esterified substances, dipentenes, alcohols, polyphenols, ascorbic acid and carboxylic acids obtained from natural materials

Patent Assignee: CHRIST H (CHRI-I)

Inventor: CHRIST H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19617278	A1	19971113	DE 1017278	A	19960430	199751 B

Priority Applications (No Type Date): DE 1017278 A 19960430

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 19617278 A1 4 C11D-003/382

Abstract (Basic): DE 19617278 A

A universal cleaning agent based on natural renewable and biodegradable materials comprises the following components : (A) 0.01-45 wt.% ethereal oil with a flash point greater than 21 deg. C, obtained from citrus fruits and/or terpentine oils and/or rubber ; (B) 0.01-65 wt.% ethoxylated and/or esterified substances obtained from seeds, stones, fruits, twigs, petals, bark or oily plant wood ; (C) 0.5-60 wt.% dipentene with a flash point greater than 21 deg. C ; (D) 0.1-40 wt.% compound of formula R2-[CH2-O]<sub>n</sub>-R1 (I) ; (E) 0.01-15 wt.% natural renewable polyphenols ; (F) 0.01-15 wt.% of a mixture comprising (f1) 1-99 wt.% ascorbic acid and (f2) 1-99 wt.% compound of formula R1-(X(R3))<sub>n</sub>-R2 (II) ; and (G) 0.01-95 wt.% water. R1 = H, alkyl or aryl(alkyl) for (I), or carboxyl for (II) ; R2 = H, (aryl)alkyl, alkylalkoxy, cycloalk(en)yl, cycloalkoxy, polyalkoxy or poly(aryl)alkyl for (I), or H or carboxyl for (II) ; R3 = H or OH; X = alk(en)yl, aryl, arylalk(en)yl, alkylalkoxy or cycloalk(en)yl ; and n = 0-10. 1 The preparation of these washing agents is also claimed.

USE - Used for removing resin, tar, oil, ink or chewing gum stains from smooth and/or porous and/or absorbent substrates such as fibres or textile materials, in a corrosion-free manner using water so as to leave no residue behind (claimed). The cleaner can be used for domestic, industrial, sanitary, clinical or automotive applications, eg. for degreasing, paper recycling or cleaning equipment used for making paper, board or pulp.

ADVANTAGE - All the cleaning agent components are non-toxic, readily biodegradable and do not create effluent problems or harm the ozone layer.

Dwg. 0/0

Title Terms: BIODEGRADABLE; UNIVERSAL; CLEAN; AGENT; CLEAN; EQUIPMENT; PAPER; BOARD; PULP; CONTAIN; ETHEREAL; OIL; ETHOXYLATION; ESTERIFICATION; SUBSTANCE ; POLY; ASCORBIC; ACID; CARBOXYLIC; ACID; OBTAIN; NATURAL; MATERIAL

Derwent Class: A25; A97; D25; E19; F09

International Patent Class (Main): C11D-003/382

International Patent Class (Additional): C11D-003/08; C11D-003/18; C11D-003/20 ; C11D-003/40

File Segment: CPI

Manual Codes (CPI/A-N): A10-E01; A12-W12B; D11-A03A1; E07-A02C; E10-C04D; E10-C04L; E10-E02D; E10-E04; E10-H01D; E10-H01E; F05-A04

Chemical Fragment Codes (M3):

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## Polymer Indexing (PS):

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 \*002\* 018; F26-R F61 F62 F- 7A; S9999 S1616 S1605; S9999 S1025 S1014;  
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 \*003\* 018; B9999 B3485-R B3372  
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 Q9999 Q7045 Q7034; B9999 B4488 B4466; B9999 B4477 B4466; N9999 N6439;  
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 Derwent Registry Numbers: 0035-U; 0258-U; 0540-U; 0669-U; 0866-U; 0903-U;  
 1119-U; 1152-U  
 Specific Compound Numbers: R01119-M; R11709-M; R19836-M; R00669-M; R15870-M;  
 R08898-M; R00035-M; R00258-M; R01152-M; R00903-M; R00540-M; R00866-M  
 Generic Compound Numbers: 9751-A1101-M; 9751-A1102-M; 9751-A1103-M

(Dialog® File 351):

4/19/2

003483289

WPI Acc No: 1982-31252E/198216

Synergistic bactericides for foods and food processing  
equipment - contg. ethanol and organic or inorganic acid or salt

Patent Assignee: UENO SEIYAKU OYO KENKYUSHO KK (UENS )

Inventor: FUJITA Y; KANAYAMA T; UENO R; YAMAMOTO M

Number of Countries: 007 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3138277	A	19820415	DE 3138277	A	19810925	198216 B
FR 2490928	A	19820402				198218
JP 57058876	A	19820408	JP 80133062	A	19800926	198220
GB 2087724	A	19820603	GB 8129003	A	19810925	198222
AU 8175608	A	19831013				198348
GB 2087724	B	19840502				198418

CA 1186218	A	19850430		198522
US 4647458	A	19870303	US 84581366	A 19840214 198711
JP 87028664	B	19870622		198728
DE 3138277	C	19880114		198802

Priority Applications (No Type Date): JP 80133062 A 19800926; US 84581366 A 19840214

## Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

DE 3138277 A 56

Abstract (Basic): DE 3138277 A

New liq. bactericides for foodstuffs and food-processing machines or appts. contain as active ingredients (A) ethanol and (B) an organic acid or salt and/or an inorganic acid or salt.

Pref. organic acids are lactic, acetic, tartaric, gluconic, citric, ascorbic, maleic, succinic, fumaric, and phytic acids. Pref. inorganic acids are phosphoric, condensed phosphoric, (acidic pyrophosphoric, hexametaphosphoric, ultraphosphoric), hydrochloric sulphuric acid and nitric acids. Pref. salts of the acids are the Na, K, Ca, and Mg salts. Pref. compsns. contain 99.9 to 2.0 wt./vol.% ethanol and 0.1-98.0 wt/vol.% component (B). The bactericides have very low toxicity and high safety, do not affect food flavour or quality, and are non-injurious to the food-processing environment. Bactericidal activity is high at low concns. so that sterilisation can be effected by contacting for less than 30 seconds.

Title Terms: SYNERGISTIC; BACTERIA; FOOD; FOOD; PROCESS; EQUIPMENT; CONTAIN; ETHANOL; ORGANIC; INORGANIC; ACID; SALT

Derwent Class: D22; E19; P34

International Patent Class (Additional): A01N-031/02; A01N-037/00; A01N-043/08; A01N-057/12; A01N-059/26; A23B-004/00; A23L-003/34; A61L-002/18; C11D-003/48

File Segment: CPI; EngPI

Manual Codes (CPI/A-N): D03-H02; E07-A02; E10-A07; E10-C02; E10-C04E; E10-E04L; E31-B03; E31-F05; E31-H05; E31-K

Chemical Fragment Codes (M3):

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 \*03\* A111 A119 A212 A220 A960 C710 H401 H402 H405 H481 H482 H484 H721 J0 J011 J012 J013 J1 J171 J172 J173 L814 L821 L832 M210 M211 M262 M280 M281 M312 M313 M315 M320 M321 M331 M332 M340 M342 M343 M344 M349 M381 M382 M391 M411 M416 M510 M520 M530 M540 M620 M630 M782 M903 P220 P863 Q220 Q224 R023  
 \*04\* A111 A119 A212 A220 A940 C710 F012 F013 F014 F015 F113 H4 H403 H421 H482 H8 J5 J522 K0 L8 L818 L821 L832 L9 L942 L960 M280 M312 M321 M332 M343 M373 M391 M411 M413 M510 M521 M530 M540 M630 M782 M903 P220 P863 Q220 Q224 R023  
 \*05\* A111 A119 A212 A220 A940 B115 B701 B702 B713 B720 B815 B831 B832 B833 C101 C108 C800 C802 C803 C804 C805 C807 M411 M782 M903 P220 P863 Q220 Q224 R023  
 \*06\* A111 A119 A212 A220 A940 C101 C108 C307 C316 C510 C540 C730 C800 C801 C802 C803 C804 C805 C807 M411 M782 M903 P220 P863 Q220 Q224 R023  
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Derwent Registry Numbers: 0009-U; 0035-U; 0233-U; 0245-U; 0247-U; 0419-U; 0502-U; 0540-U; 0900-U; 0902-U; 1080-U; 1081-U; 1327-U; 1598-U; 1656-U; 1704-U; 1711-U; 1714-U; 1724-U; 1733-U; 1756-U

(Dialog® File 351):

4/19/3

001365137

WPI Acc No: 1975-14770W/197509

Fungicides for treatment of plants or wood - contg. a natural or synthetic phenol

Patent Assignee: L L DELPECH (DELP-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
FR 2228434	A	19750110			197509	B

Priority Applications (No Type Date): FR 7318016 A 19730508

Abstract (Basic): FR 2228434 A

A 'polyphenol' selected from e.g. (a) phenol acids and benzoic acids, such as p-hydroxy benzoic, protocatechuic, vanillic, gallic, syringic, salicylic and gentisic acids, and their salts, (b) cinnamic acids, such as coumaric, cafeic and ferulic acids, and (c) flavonoids (flavone-3-ols and flavone-3, 4-diols); and formulated as a liq. emulsifiable liq., wettable powder or dry powder contng. conventional adjuvant is applied to vegetable material to control fungal attack on wood, leaves, fruit and seeds, and is esp. for use on vines. This fungicide has low toxicity.

Title Terms: FUNGICIDE; TREAT; PLANT; WOOD; CONTAIN; NATURAL; SYNTHETIC;

PHENOL

Derwent Class: C03

International Patent Class (Additional): A01N-013/00

File Segment: CPI

Manual Codes (CPI/A-N): C04-A07F; C04-C03D; C06-A01; C10-C03; C10-F02; C12-A02

Chemical Fragment Codes (M1):

\*01\* V400 V741 V406 K431 K432 M630 P002 P241 P242 M781 R003 M423 M902

Chemical Fragment Codes (M2):

\*02\* H4 M123 M113 M126 M116 M129 M119 M141 M135 M136 M139 M149 M282 M210

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D120 F123 G100 M533 M532 M531 L810 J131 J171 H401 H421 H441 H422 H423

H424 H442 H443 H444 J521 J581 J522 J231 J232 J221 J222 H521 H522 H541

H542 H602 H608 H721 M630 P002 P241 P242 M510 M511 M520 M521 M540 M781

R003 M412 M413 M414 M902

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